



**Keeping America's Navy #1
in the World**

NMCI at NAVSEA

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NAVSEA is

- **Ships and submarines**
 - **Design, construction, maintenance, refit, and disposal**
- **Combat and H,M&E systems**
 - **Weapons, sensors, propulsion and auxiliaries**
- **Approx \$30B/yr business - enterprise**
 - **Headquarters / Program Executive Offices**
 - **Surface and Undersea Warfare Centers**
 - **Naval Shipyards**
 - **Supervisor of Shipbuilding and Repair**
- **45,400 NMCI seats; 43 major activities; 133 locations**



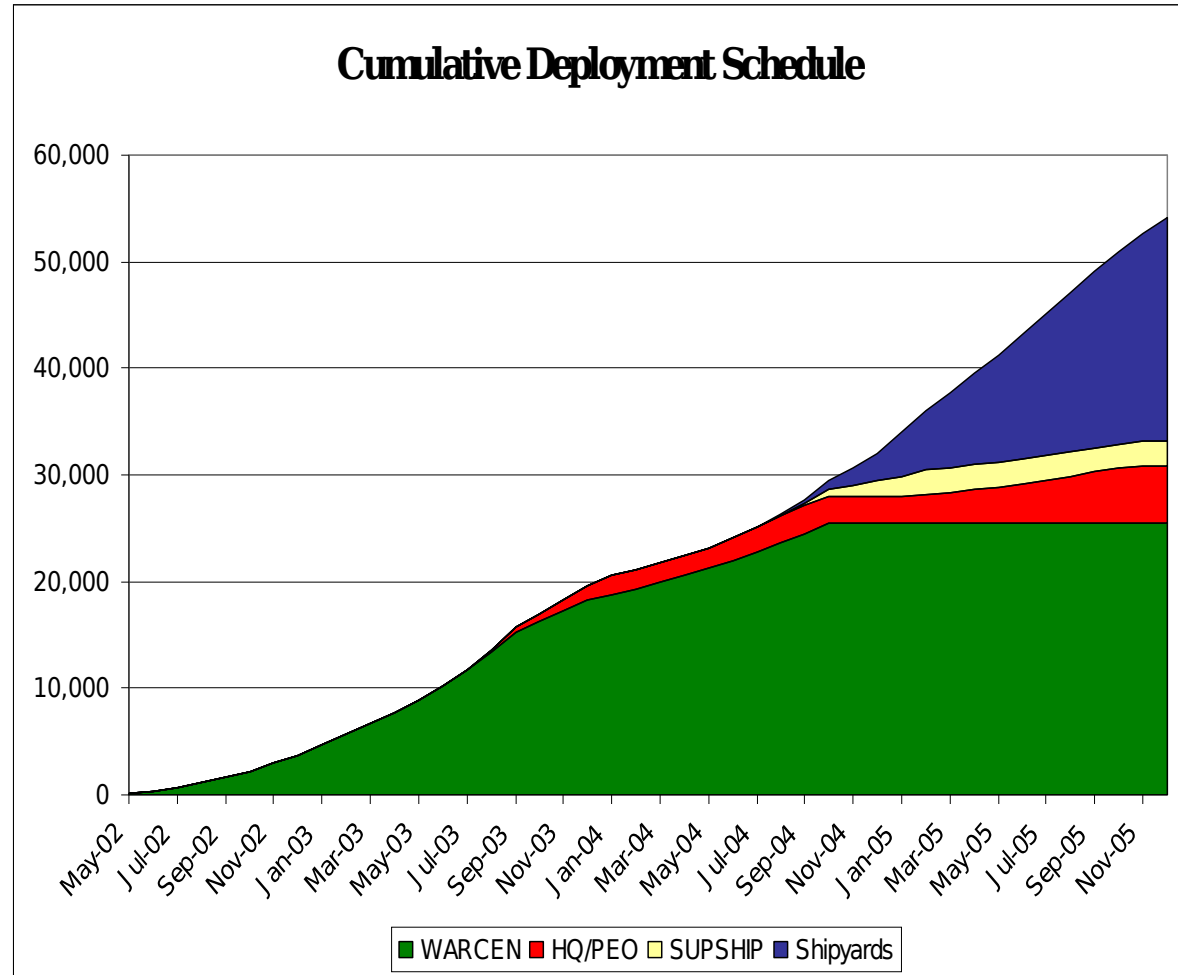
The Challenge, the Need ... and the Solution

- **CNO's Challenge:**
 - **Increase productivity**
 - **Increase effectiveness and efficiency**
 - **Return \$\$\$ in order to recapitalize the Fleet**
- **NAVSEA and PEOs manage and execute programs**
 - **Our business is information**
 - **We depend wholly on the ability of our people to access, store, manipulate and exchange information**
- **Our Information System must be reliable, robust, responsive and affordable**

NMCI is NAVSEA's information system

NMCI Deployment Schedule

- Each Activity Group has unique requirements
- Early adopters train later Activities and develop NAVSEA-wide lessons learned
- Deployment schedule minimizes disruptions at each site and ensures overall Activity Group mission of Fleet support is not compromised
- Completion of Cutover will dovetail with Navy application reduction initiatives and early ERP schedules





What we've learned ...

- **NMCI transition and operation requires full-time, experienced personnel (Industry and Gov't)**
- **Navy and EDS need to use the same data/management systems**
 - **From order, to delivery, to problem resolution**
- **The importance of “overlapping” gov't and industry personnel during transition is far greater than previously thought**
- **Both gov't and industry must learn to better manage / deliver successful transition if large USN productivity losses are to be avoided**
- **Bottom line: There is nothing easy about NMCI Cutover.**



Where we're headed ...

- **NMCI is our platform for business systems**
- **Enterprise business initiatives will run inside NMCI**
 - **e.g., ERP**
- **Some “IT systems” are outside NMCI**
 - **RDT&E networks**
 - **Ship control, weapons & combat systems, etc.**
 - **Modeling and Simulation**



Ongoing Efforts

- **RDT&E Networks**: Working to create clear guidance / separation. Cannot provide same services as NMCI
- **Server consolidation**: Reduce server count/cost by consolidating, rehosting and moving inside NMCI
- **Navy Nuclear Propulsion Information**: Critical to Cutover in Naval Shipyards. EDS continues work to deliver a reliable, repeatable solution
- **Application Reductions**: NMCI cutover provides the opportunity (and insight) to greatly reduce (and control) the number of applications.



NMCI Benefits for Businesses

- **NMCI becomes the jumping off point for opportunities:**
 - **Web-centric and network-centric applications and interfaces**
 - **Development, maintenance, and information delivery of single authoritative data sources**
 - **Virtual networks for testing advanced information systems services**



What Business Needs to Do

- **Understand intersections and boundaries of NMCI with**
 - **IT-21**
 - **Combat Systems**
 - **RDT&E**
- **Understand both the customer requirements and the processes required for using the NMCI infrastructure**
 - **Security**
 - **Accreditation**
 - **Testing**
 - **Authorization**



Teamwork and communication is essential

- **Many players**
 - **PEO(IT)**
 - **NMCI Director's Office and PMO**
 - **NETWARCOM**
 - **NAVSEA**
 - **EDS**
 - **Functional Area Managers**
 - **Virtual SYSCOM**
 - **Business community**
 - **AND the USERS !!!**

Industry Takeaway

- **Industry can help Navy harvest NMCI benefits**
 - **Applications / services must be NMCI compliant**
- **Navy will continue to seek out new products and technologies**
 - but they will be evaluated through the Navy Enterprise lens (i.e., NMCI)
- **Navy must have 21st century business process and systems.**
 - **NMCI is the path**

NMCI is still the right thing to do

Questions ?